E-P732-DIO Command Set Control Demo

1. Please use CVBrowser.exe to find Ethernet Digital I/O Converter.

CVBrowser V1.20	D				
<u>F</u> ile <u>V</u> iew <u>H</u> elp					
🐐 🛞 🛤	E 🖏 📣	2			
Device Name	IP Address 🔺	Subnet Mask	Gateway IP	MAC	Version
E-P232X-S21	192.168.0.100	255.255.255.0	0.0.0	00-1E-94-90-0D-6E	0.11
Ready				NUM	Online : 1

2. Please modify Converter IP (Device Settings) & use IE Browser Enter built-in Web Server (Default IP : 192.168.0.100)

CYBrowser V1.	20				
<u>File V</u> iew <u>H</u> elp					
🐐 🛞 🐭	ş 🧭 🐎 🤇				
Device Name	IP Address 🔺	Subnet Mask	Gateway IP	MAC	Version
E-P232X-S21	192.168.0.100	255,255,255,0 Modify IP Modify MAC Web Browser Soft Reset Update Firmware ✓ Auto Arrange Refresh		00-1E-94-90-0D-6E	0.11
Modify IP which selects	: device °			NUM	Online : 1

3. Ethernet Digital I/O Converter has built-in Web Server as shown below (<u>http:192.168.0.100</u>):

🖉 Login - Windows Internet Explorer					
GO . [http://192.168.0.100/	💌 🐼 🐓 🗙 Google				
🚖 🔡 🗸 🏈 Login 🛛 🗙 🚰 Google					
Serial To Etherne	et Converter				
Login setting					
System time elapsed (Day:Hour:Min:S	Sec) 0:0:43:14				
Firmware version	May 17 2010 00:45:57				
Serial number	LM6911-S21				
Ethernet MAC address	00-1E-94-90-0D-6E				
Password	Login				

4. Please login (Password: blank), the parameter setting will be as shown below:

🖉 Setup - Windows Internet Explorer			_ 7 🛛
💽 🗢 🙋 http://192.168.0.100/log	gin	💌 🗟 😽 🗙 🚱 Google	P -
🚖 😬 👻 🏈 Setup	X S Google		
			<u>^</u>
	Serial To Ether	net Converter	
	Paramete	r setting	
	IP address	192.168.0.100	
	Subnet mask	255.255.255.0	
	Gateway IP	0.0.0.0	
	DHCP Client	Disable 💌	
	Auto Reset (No data input)	0 (Hours)	
	Device Name	E-P232X-S21	
	Login password		
	Serial I/O Port 1 0		
	Local port,Socket mode	100 TCP Server 💌	
	Remote IP,Port (TCP Client/UDP)	0.0.0.0 0	
	Baudrate	9600	
	Parity,Data bit,Stop bit	None V 8 V 1 V	
	Force off-line time (No data input)	10 (Minute)	
	Packet collect time	Tx 0 Rx 0 (mSec)	
	Serial I/O Port 2 0		
	Local port,Socket mode	101 TCP Server V	
	Remote IP,Port (TCP Client/UDP)	0.0.00 0 0	
	Baudrate	9600 V	
	Parity Data hit Stop hit	None V 8 V 1 V	×
完成			💐 100% 🔹 💡

 Digital I/O port Setup: Please select Port No. and TCP mode. Digital Input / Digital Output pin assignment & default value setup Digital I/O Port1: set as Digital Output

Digital I/O Port2: set as Digital Input



6. Use Hyper-Terminal to control DO & monitor DI status.

tcp-1 內容	? 🛛
連線到設定	
top-1	雙更圖示([)
主機位址(出):	192.168.0.100
連接埠號碼(<u>M</u>) :	103
連線方式(11):	TCP/IP (Winsock)

7. Digital I/O Port #2: set as Digital Input

Above point #6 set a to port number 103 (physical port #2) Press Dial-up (撥號), Ethernet DI/O Converter will response Digital Input default status "11111111" to Host



8. Digital I/O Port #2 set as Digital Input, it has 8 pins of Digital Input.
It you want to know Digital Input status anytime, you can Press "Enter" key.
Ethernet DI/O Converter will response Digital Input status to Host.
You can connect power output (+/-) to DI-1 (P/N) to try.
The Hyper-Terminal will return status of DI instantly.



9. Digital I/O Port #1: set as Digital Output

Start a new link to port 102 as per description at point #6.

Press Dial-up (撥號), press "Enter" key, Ethernet DI/O Converter will response Digital Output default status "00000000" to Host.

🍓 top-2	- 超級終	端機			(
檔案E	編輯(E)	檢視(型)	呼叫(C)	轉送(<u>T</u>)	說明(H)	
🗅 🖻	03	<u>B</u>	P			
000	00000					
<						~
連線 00:0	0:42 AN	ISI	TCP/IP	SC	CROLL	CAPS

10. Digital I/O Port #1 set as Digital Output, it has 3 pins of Digital Output.

To test the Digital Output pins, it must be sent a string fulfill with 8 digits (1 byte) such as "11100000". You will see the 3 pins of Output Relay all active.

